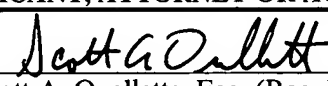
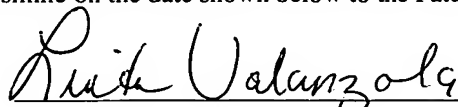
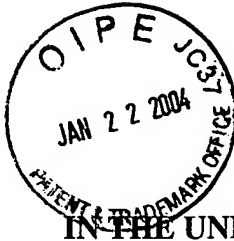
		Application No.:	10/727,386
		Filing Date:	December 4, 2003
		First Named Inventor:	Earl Medeiros
		Group Art Unit	N/A
		Examiner:	N/A
Total Number of Pages in this Submission: 97		Docket No.	EMC-03-091
<b>ENCLOSURES</b> (check all that apply)			
<input type="checkbox"/> Fee Transmittal with Authorization for the Commissioner to charge Deposit Account No. 05-0889 (in duplicate)  <input type="checkbox"/> Amendment/Response to Non Final Office Action  <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/Decl. Terminal Disclaimer  <input type="checkbox"/> Extension of Time Request for 1 Month  <input checked="" type="checkbox"/> Information Disclosure Statement, with Form 1449 incl. Ref B1  <input type="checkbox"/>	<input type="checkbox"/> Assignment Recordation Cover Sheet  <input type="checkbox"/> Declaration/Power of Attorney <input type="checkbox"/> Associate Power of Attorney  <input type="checkbox"/> Revocation of Power of Attorney <input type="checkbox"/> Formal Drawings <input type="checkbox"/> Letter to Official Draftsperson with 5 sheets of Formal Drawings, Figs. 1-5, labeled. <input type="checkbox"/> Copy of PTO 948, "Notice of Draftsperson's Patent Review" <input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Petition for Revival of an Unintentionally Abandoned Application [37 CRF 1.137(b)] (in duplicate)  <input type="checkbox"/> Continued Prosecution Application (CPA) Form PTOL-85B, Part B -Issue Fee Payment Transmittal," (in duplicate)  <input type="checkbox"/> Status Inquiry <input checked="" type="checkbox"/> <b>Certificate of First Class Mailing</b>  <input type="checkbox"/> Certificate of Express Mail Mailing  <input checked="" type="checkbox"/> <b>Postcard</b>  <input type="checkbox"/> Additional Enclosures:	
<b>SIGNATURE OF APPLICANT, ATTORNEY OR AGENT</b>			
1/19/04 Date		 Scott A. Ouellette, Esq. (Reg. No. 38,573) EMC Corporation Office of the General Counsel 176 South Street Hopkinton, MA 01748-9103	
Tel: (508) 435-1000, ext. 77835 Fax: (508) 497-6915			
<b>CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8]</b>			
I hereby certify that this correspondence and the above-referenced documents are being:			
<input checked="" type="checkbox"/> Deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.			
<input type="checkbox"/> Transmitted by facsimile on the date shown below to the Patent and Trademark Office at (703) 308-6916.			
1/20/04 Date		 Signature	
		Linda Valanzola Typed or printed name of person signing certificate	



PATENT  
EMC-03-091

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

<b>APPLICANTS:</b>	Earl Medeiros	<b>GROUP ART UNIT:</b>	Not Yet Assigned
<b>U.S.S.N.:</b>	10/727,386	<b>EXAMINER:</b>	Not Yet Assigned
<b>FILING DATE:</b>	December 4, 2003		
<b>TITLE:</b>	<i>A METHOD OF FORMING A BALL GRID ARRAY DEVICE</i>		

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

Pursuant to 37 CFR 1.56, the information cited in the accompanying Form PTO-1449 is being brought to the attention of the U.S. Patent Office in connection with examination of the subject application. No admission is being made that the cited information in fact constitutes prior art or is material prior art. It is respectfully requested that the U.S. Patent Office conduct its own prior art search, and independently evaluate the results of such search and the cited information, in independently determining patentability of the claimed invention.

This Information Disclosure Statement is being filed within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office Action on the merits, which event occurs last. (§37 CFR §1.97(b)).

Atty. Docket No.: EMC-03-091  
U.S.S.N. 10/727,386  
Filing Date: December 4, 2003  
Applicant: Earl Medeiros.

-2-

Applicant believes that no fees are due with this submission. However, if this is not the case, please charge any fees occasioned by this submission to Deposit Account 05-0889.

Respectfully submitted,

Dated: 1/19/04



Scott A. Ouellette (Reg. No. 38,573)  
Attorney for Applicant  
EMC Corporation  
176 South Street  
Hopkinton, MA 01748-9103  
508.435.1000, ext. 77835  
508.293.7189 Facsimile

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(Use as many sheets as necessary)*

Sheet	1	of	1
-------	---	----	---

**Complete if Known**

Application Number	10/727,386
Filing Date	December 4, 2003
First Named Inventor	Earl Medeiros
Art Unit	N/A
Examiner Name	N/A
Attorney Docket Number	EMC-03-091

## U. S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.**